

CLAIMS

What is claimed is:

1. A presentation apparatus for biasing a document into contact with a surface, the presentation apparatus comprising:

a base member adapted to be disposed above the surface;

a first spring arm extending from said base member; and

a contact member extending vertically from said first spring arm;

wherein said first spring arm urges said contact member into contact with the surface for ensuring flat contact between the document and the surface as the document passes therebetween.

2. The presentation apparatus of claim 1, wherein said contact member includes a bottom surface having an arcuate portion.

3. The presentation apparatus of claim 2, wherein said arcuate portion includes an apex adapted to be urged against the surface by said first spring arm.

4. The presentation apparatus of claim 1, further comprising a second spring arm extending from said base member and interconnected with said contact member.

5. A scanning unit of an image-scanning device used to scan a document, the scanning unit comprising:

a contact image sensor having a scanning surface;

a presentation apparatus disposed above said scanning surface, said presentation apparatus including:

a base member;

a first spring arm extending from said base member; and

a contact member extending vertically from said first spring arm;

wherein said first spring arm urges said contact member toward said scanning surface for ensuring flat contact between the document and the scanning surface as the document passes therebetween.

6. The scanning unit of claim 5, wherein said contact member includes a bottom surface having an arcuate portion.

7. The scanning unit of claim 6, wherein said arcuate portion provides an attack angle for enabling smooth reception of the document between said contact member and said scanning surface.

8. The scanning unit of claim 6, wherein said arcuate portion includes an apex arranged to be urged toward the surface.

9. The scanning unit of claim 5, further comprising a second spring arm extending from said base member and interconnected with said contact member.

11. The scanning unit of claim 5, further comprising a second spring arm extending from said base member and interconnected with said contact member.

10. An image-scanning device for scanning a document, the image-scanning device comprising:

a scanning unit adapted to slidably receive the document therethrough, said scanning unit including:

a contact image sensor having a scanning surface;

a presentation apparatus disposed above said scanning surface, said presentation apparatus including:

a base member;

a first spring arm extending from said base member; and

a contact member extending vertically from said first spring arm;

a drive assembly for driving the document through said scanning unit;

wherein said first spring arm urges said contact member toward said scanning surface for ensuring flat contact between the document and the scanning surface as the document passes therebetween.

11. The image-scanning device of claim 10, wherein said contact member includes a bottom surface having an arcuate portion.

12. The image-scanning device of claim 11, wherein said arcuate portion provides an attack angle for enabling smooth reception of the document between said contact member and said scanning surface.

13. The image-scanning device of claim 11, wherein said arcuate portion includes an apex contacting the surface.

14. The image-scanning device of claim 10, further comprising a second spring arm extending from said base member and interconnected with said contact member.

15. The image-scanning device of claim 10, further comprising a second spring arm extending from said base member and interconnected with said contact member.